**Wave Forecasting Lab Activity**

**Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

1. Find a current wind chart/map
2. Find wind prediction charts for Wednesday and Thursday
3. Find a wave period and direction chart for Thursday
4. Determine the wind direction for each day
5. What is the maximum wind speed?
6. Calculate the fetch for this system
7. When will the surf clean up along our coast?
8. When is the peak of the swell?
9. What will your response be if a buddy asked you when the best day, location, and time to surf this week will be?